

METHOD OF FABRICATION OF THIN FILM RESISTOR WITH 0 TCR

ABSTRACT OF THE DISCLOSURE

A thin film resistor that has a substantially zero TCR is provided as well as a method for fabricating the same. The thin film resistor includes at least two resistor materials located over one another. Each resistor material has a different temperature coefficient of resistivity such that the effective temperature coefficient of resistivity of the thin film resistor is substantially 0 ppm/°C. The thin film resistor may be integrated into a interconnect structure or it may be integrated with a metal-insulator-metal capacitor (MIMCAP).